**FIG. 2**

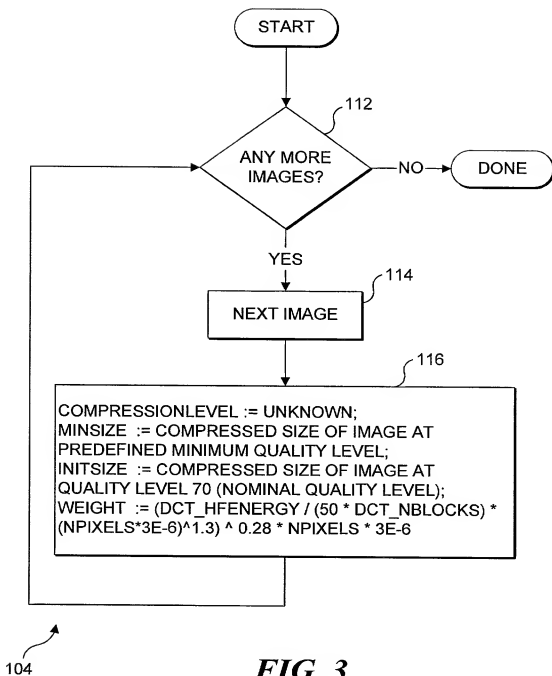


FIG. 3

```

graph TD
    START([START]) --> 120[WEIGHTSUM = 0]
    120 --> 122{ANY MORE IMAGES?}
    122 -- NO --> 130[FACTOR = AVAILABLESPACE / WEIGHTSUM;  
NEEDTOCHECK = FALSE;  
START OVER SCANNING IMAGES]
    122 -- YES --> 124[NEXT IMAGE]
    124 --> 126{IMAGE.COMPRESSION LEVEL == UNKNOWN?}
    126 -- NO --> 122
    126 -- YES --> 128[WEIGHTSUM = WEIGHTSUM + IMAGE.WEIGHT]
    128 --> 122
    130 --> 132{ANY MORE IMAGES?}
    132 -- NO --> 142{NEEDTOCHECK?}
    132 -- YES --> 134[NEXT IMAGE]
    142 --> DONE([DONE])
    134 --> 136{IMAGE.COMPRESSION LEVEL == UNKNOWN?}
    136 -- NO --> 132
    136 -- YES --> 138{IMAGE.MINSIZE ≥ WEIGHT * FACTOR?}
    138 -- NO --> 132
    138 -- YES --> 140[IMAGE.COMPRESSIONLEVEL = MINLEVEL;  
IMAGE.COMPRESSEDSIZE = IMAGE.MINSIZE;  
AVAILABLESPACE = AVAILABLESPACE -  
IMAGE.COMPRESSEDSIZE;  
NEEDTOCHECK = TRUE]
    140 --> 120
    
```

FIG. 4



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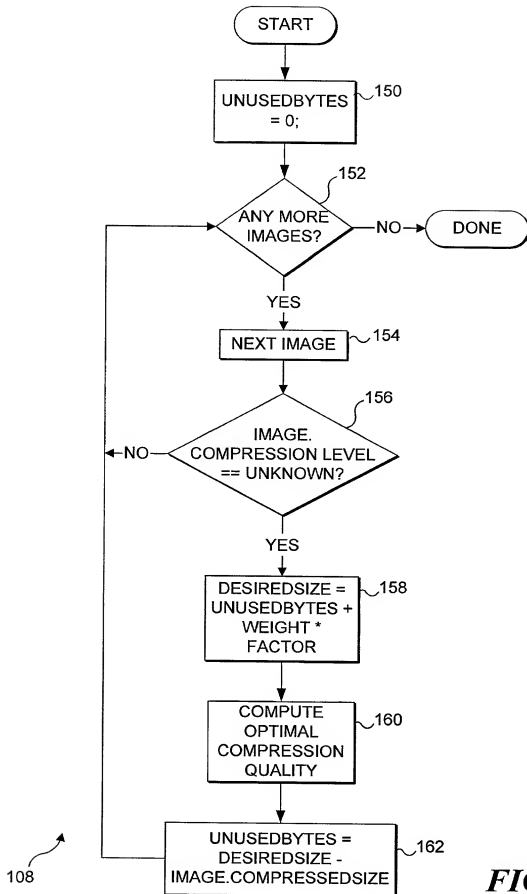


FIG. 5

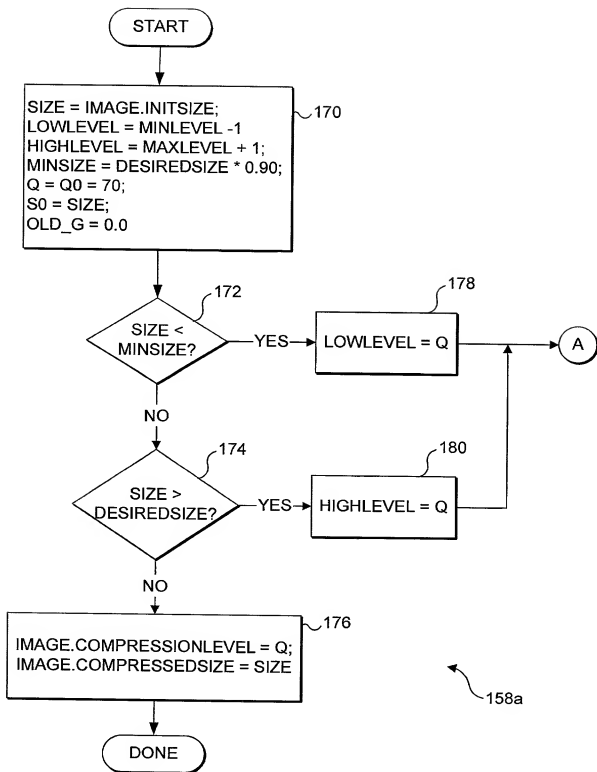


FIG. 6A

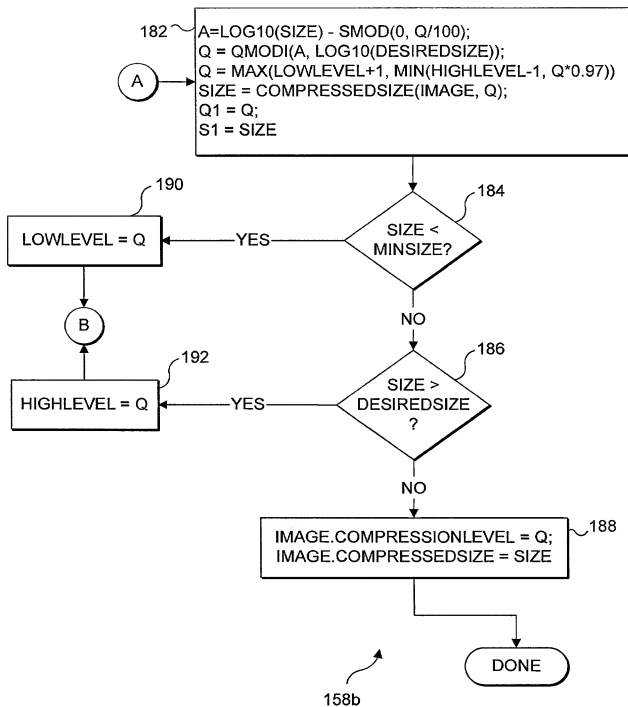


FIG. 6B

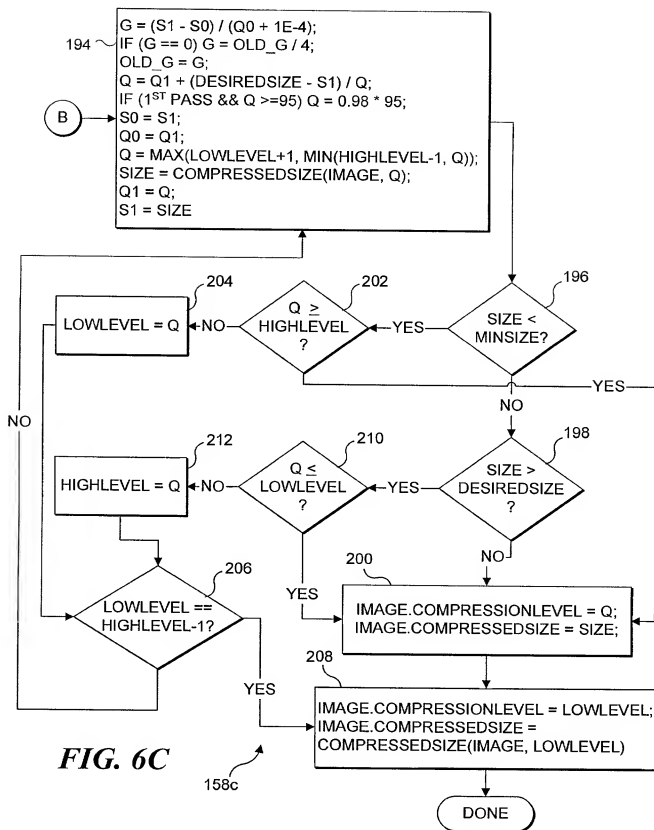


FIG. 6C